

CLAIMS

1) A pumping system (100*) comprising a pump (10*) and a user device (UT) connected to said pump (10*) by a delivery conduit (26), and further comprising pressure control means for setting said pump (10*) to a balanced configuration to supply the oil flow demanded by said user device (UT);

a pumping system (100*) wherein said pressure control means comprise hydraulic dissipating means (29*, 30) for imparting to the oil in a control chamber (22), forming part of said pump (10*), a pressure (p2) lower than a control pressure (p1);

the pumping system (100*) being characterized in that said control chamber (22) of said pump (10*) comprises a channel (40) connecting the control chamber to an inlet (23).

2) A pumping system (100*) as claimed in Claim 1, wherein a member (13) of said pump (10*) comprises means (21a) for selectively closing said channel (40).

3) A pumping system (100*) as claimed in Claim 2, wherein said channel (40) comprises opening/closing means (41, 42, 200) controlled selectively by an operating parameter.

25 4) A pumping system (100*) as claimed in Claim 3, wherein said operating parameter is the temperature of the oil pumped by said pump (10*).